

133
Studying the Effect of Change in Thickness
of a Rectangular Plate in Plan into Basic
Frequency of Lateral Oscillations, by

G. A. Izdebs'ka, 8 pp.

UKRAINE, per, Ak Nauk UKRNSR, Dneprovsk,

No 9, 1964, pp 1154-1158. 0406051

PTD-TT-65-1037

G. A. Izdebs'ka

Sci - Math

Feb 66

206,376

Izdebata, Kazimiera and Romanowski, Henryk.
NICOTINE DETECTION IN TOXICOLOGICAL ANALYSIS BY MEANS OF 1-CHLORO-2,4-DINITROBENZENE AND PAPER CHROMATOGRAPHY. [1962] 7p. 22 refs.
Order from SLA \$1.10 63-16649

Trans. of Acta Polonica Pharmaceutica, 1961, v. 18, no. 4, p. 339-342.

Another trans. is available from K-H \$8.75 as K-H 11627-a [1962] 7p.

DESCRIPTORS: *Nicotine, *Nitrobenzenes, Toxicity, *Chromatographic analysis, Detection.

The pharmacopoeian reagent 1-chloro-2,4-dinitrobenzene was applied to the specific detection of nicotine in pure state, as well as for the detection of other alkaloids (atropine, colchicine, cocaine, scopolamine, veratrine, brucine, emetine, ephedrine, narcotine, (Chemistry-Analytical, TT, v. 10, no. 7) (over)

63-16649

1. Title: 1-Chloro-2,4-dinitrobenzene

I. Izdebata, K.
II. Romanowski, H.

1247326

Office of Technical Services

Engine Room Sections in the Construction of River
Vessels and the Welding of Steel Reinforcements to the
Bottom Plate, by O. Izdinsky.

RUSSIAN, per, Zvaranie, Vol VII, No 12, 1958,
pp 363-368.

MT trace - 70
M. de O. Tollemache
The Old Rectory
Lewknor, Oxon.

Apr 60

The Air-Earth Electric Convection Current, by A. M.
Izergin, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 6, 1959, pp 919-923.

AGU

!
Sci

Aug 60

123,636

S-160/60

(DC-3525).

The Effect of Vibrations ⁿ on the Form of Single
Crystals Grown by the Chorkhrall'skiy Method, by
A. P. Izergin, Yu. X. Pavlenko, S. A. Stroitelev,
5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz, No 1,
1959, pp 107-110.

JPRS 3259

Sci - Phys
May 60

116,484

Purification of Liquids by the Zone Melting Method,
by A. P. Izergin, 3 p.

RUSSIAN, per, Iz V U Z, 1958, no 5, pp 115-116.

SLA 59-16714

SCI
Dec 59
Vol 2, No 6

103,998

Determination of the Predominant Growth of
Single Crystals and Single-Crystal Blocks,
Obtained by the Zone Melting Method, and
Exposure of Dislocations of Them, by A.P.
Izergin.

RUSSIAN, per, Izvest Vuz Fizika, No. 5, 1962,

PP 96-99

CB 341/TT 434

A.P. IZERGIN

Sci -

Aug 67

335-605

Experience in the Application of Prolonged
Therapeutic Sleep in the Treatment of White Rats,
[Artificially] Infected With Pasteurella Pestis,
by A. Yu. Izergina, V. K. Faddeyeva, 17 pp.

RUSSIAN, per, Trudy Inst Vysshey Nervnoy Deyatel'-
nosti, Vol III, 1957.

OTS 60-21086
(PL 480)

Sci - Bio

Aug 60

122,744

LEONISHEN, M. A.
SANKISOV, E. S.

Comptes Rendus De L'Academie Des Sciences De L'Urss,
vol. 27, No. 5, 2 tables, 1100 words; 1960.

Coatings of Aluminum + Chromium and Chromium + Silver
Alloys Produced from the Vapors of Their Salts.

Butcher Trans, Order No. 1595, \$1.65.

A-4497

Concerning the Electrolytic Deposition of Metallic
Niobium. II, by N. Isgaraishev, G. E. Kaplan,
10 pp.

CHERNAN, por, Z Electrochem, Vol XL, 1934, pp 33-36.

ABC Tr 3625

Sci - Chem

May 59

87,962

Some Peculiarities of Transformer Steel on Rapid Heating

Kinetics of Texture Formation, by P.D. Izbranov,
V.A. Pavlov, H.M. Rodizin, 6 pp.

RUSSIAN, ~~part~~, Fiz Metal i Metallov, Vol VIII,
No 3, 1969, pp 434-439

PP

Sci
61

135,160

Izdebaka, Kazimiera and Romanowski, Henryk.
NICOTINE DETECTION IN TOXICOLOGICAL ANAL-
YSIS BY MEANS OF 1-CHLORO-2, 4-DINITROBEN-
ZENE AND PAPER CHROMATOGRAPHY. [1962] 7p.
Order from K-H \$8.75 K-H 11627-a

Trans. of Acta Polonica Pharm[aceutica] 1961, v. 18,
no. 4, p. 339-342.

DESCRIPTORS: *Nicotine, *Nitrobenzenes, Toxicity,
*Chromatographic analysis, Detection.

(Chemistry--Analytical, TT, v. 8, no. 5)

62-17388 -

- I. Izdebaka, K.
- II. Romanowski, H.
- III. K-H-11627-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C272384

Office of Technical Services

117
Partial Displacement of Metals From the
Vapours of their Salts and the Use of
this Process in the Struggle Against
Corrosion, by Izgaryshev.

USSRIAN, for. Zhurn. Nauchel Khimii.
Vol 2, No 9, 1955, pp 830-833.

*AKSI 4521

Izgaryshev

205/100
Nov 55

Testing, Aluminum-Chromium and Chromium-
silver Alloys Free the Vapours of the
Salts of the Metals, by Izgaryshev. ///
RUSSIAN, per, Izvestiya Akad. Nauk. SSSR,
1960, pp 458-459.
•RUS 4522

Izgaryshev

out/100
100/100

Electrolytic Oxidation of β -Picoline, by V.
G. Khomyakov, S. S. Kruglikov and N. A.
Izgaryshev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No
3, 1957, pp 557-559.

Consultants Bureau

Sci - Chem

Aug 58

73, 672.

Influence of the Cations on the Anodic Processes
in the Electrolysis of Chloride and of Sulfate
Solutions, by N. A. Izgaryshev, 21 pp.

RUSSIAN, per, Iz Ak Nauk SSSR Otdel Khim Nauk,
No 1, 1950, pp 15-26.

N

SLA 55-10499

Sci - Chem
Sep 59
Vol 2, No 1

97,284

105
Annual Displacement of Metals from the
Vapours of Their Salts and the Utilization
of This Process for Protection of Metals,
by N. A. Izgaryshev.

RUSSIAN, per, Izv. Akad. Nauk. SSSR, No 6,
1941, pp 675-681.

STIK 4397

N. A. Izgaryshev

USSR

Sch/1004

Page 66

207,172

Concerning the Electrolytic Deposition of Metallic
Rhenium and Its Separation From Tantalum, by
M. Ingarushov, A. F. Prede, 15 pp.

GREENMAN, per, Z Elektrochem, Vol XXXIX, 1933, pp
283-288.

AEC Tr 3635

Sci - Chem

May 59

87,957

57
Partial Displacement of Metals From the
Vapours of Their Salts and the Utili-
zation of This Process for Protection
of Metals, by N. A. Izgaryshev.

Published, per, Izv. Akad. Nauk SSSR,
No. 4, 1961, pp. 675-681.
•RISI 4507

N. A. Izgaryshev

Sci/HQ
Sep 65

Progress of Electrosynthesis in Organic Chemistry
by **N. A. Izgaryahev**

RUSSIAN, no per, Uspekhi Khim, Vol XXV, No 4, 1956, <
pp 486-516.

Tech and Comm Tr \$305.00

USER

Sci - Chemistry

Nov 56 CTS

440, 613

Connection Between the Thermal Diffusion Process
for Coating Metals and the Formation of Intermetallic
Compounds and Solid Solutions at Their Surface, by
M. I. Parfenova, N. A. Izgarkishev, 5 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXV, No 7,
1952, pp 752-756.

Sci. Museum Lib No 53/2592

USSR
Scientific - Minerals/Metals

9296

Feb 54 CTS

(FDD 16707)

Review of "Corrosion, Protection Against Corrosion,
and Electrolysis," by N. A. Izgaryshev, 5 pp.

RUSSIAN, no per, Soy Kniga, No 1, Moscow,
Jan 1949, pp 43, 44.

CIA/FDD/U-4572

USSR

Scientific - Chemistry corrosion

6593

Deposition of Bright Nickel Plates From
Ammoniacal Solutions, by N. A. Izgulyashev,
et al,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVI,
No 1, 1954, pp 143-144.

Doc Other Tr No 3423

23,610

7.85

Scientific - Min/Metals

May 55 GTS

Production of Metallic Lithium by Electrolysis,
by E. A. Izgaryshev, E. A. Matsumov, 1955
Moscow, Sov. Technical Science, 1955, No 4, pp 535-
542
MA 33-9-20618

N. A. Izgaryshev

Sci - Meta
July 67

330,906

The Effect of Various Cations on the Course of the
Anodic Process in the Electrolysis of Their Chlorides,
by N. A. Izgaryshev, M. G. Khachaturyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 6, 1948,
pp 1125-1128.

ATS RJ-1282

Sci - Chem
Apr 60

114,562

Microhardness of Siliconized Cases, by H. S. Gorbunov,
A. S. Akopdzanyan, N. A. Izgeryshev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,
No 2, 1953, pp 285-286.

Butcher Tr 3167

Scientific - Minerals/Metals

Price \$1.60

Nov 53CTS

7277

Effect of Pressure on the Dielectric Properties of
Ferroelectric Ceramics, by I. A. Ishak, 8 pp.

RUSSEIAN, bino per, Is Akh Bank SSSR, Ser Fiz,
Vol. XI, No 2, 1956, pp 199-205.

Columbia Tech Tr

Sci - Physics
Apr 57 CTS

Avail Br 5 Lib

45,659

Dependence of the Piezoelectric Modulus of
Polycrystalline BaTiO₃ on the Unidirectional
Pressure, by I. A. Izhak, O. A. Shagurov, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 3,
1958, pp 518-520.

Azer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 3

Sci - Phys
Dec 58

69,053

- TT-65-25056

Field 80, 7B

Izhak, I. G.

DETERMINATION DE FLUOR DANS LES MINERAIS
D'APATITE-NEPHELINE ET LES APATITES,
CNRS-G/R-4930; Org.182-355,
Order from CNRS as G/R-4930

Trans. in French of Zavodskaya Laboratoriya (USSR)
v28 n8 p507 1982.
For another listing of this journal see 'Translated or
Abstracted Publications,' in this issue.

I. Centre National de la
Recherche Scientifique,
Paris (France)

1305153

TT-65-28058

Field 8G, 7B

Izhak, I. G.
DETERMINATION DE FLUOR DANS LES MINERAIS
D'APATITE-NEPHELINE ET LES APATITES.
CNRS-G/R-4930; Org.182-335.
Order from CNRS as G/R-4930

Trans. in French of Zavodskaya Laboratoriya (USSR)
v28 n8 p907 1962.
For another listing of this journal see 'Translated or
Abstracted Publications,' in this issue.

I. Centre National de la
Recherche Scientifique,
Paris (France)

European Translations Centre

80
Forecasting of Oceanological Conditions and
the Reproduction of Commercial Fish, by
G. I. Ishovskiy,
RUSSIAN, M. Sistemya Okeana. Prognostirovaniya
Okeanologicheskikh Usloviy i Vospredelivaniya
Proizvodstva Ryb, 1964, pp 1-10.
CPBT TT 67-31264

Scholar Sci
Feb 67

319,117

Electrochemical and Photoelectrochemical Behaviour
of the Silicon Electrode in Acid and Alkaline
Solutions, by S. O. Izidimov, T. I. Borisova,
5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol LXXVI, No 6, 1962,
pp 1246-1251.

CS

Sci

Mar 63

232,833

The Kinetics of Cathodic Processes on Semiconducting Electrodes, Involving Participation of the Electrons of the Valence Zone, by R. M. Lazorenko-Manevich, S. O. Irtdinov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 1, 1961, pp 172-175.

CB

Sci

196,506

May 62

Electrochemical and Photoelectrochemical Behavior of the Silicon Electrode by S. U. Isidina, T. I. Borisova, V. I. Veselovskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 392-395.

CB

Sci

149,205

Apr 61

20
Efforts to Use Islam As An Ideological
Weapon of Anti-Communism, by T. Izimbetov,
8 pp.

ISSUES, No. Twenty-Sixth Bulletin
Alma-Ata, 1964, pp 79-83.
WFO 13090

T. Izimbetov

1964
Fol
Jan 68

347,110

Experiment of Conducting Hydraulic Rupture of the
Strata on the Malgobenskiy Oil Field, by A. M.
Izinnova.

Neft Khoz Vol 33 # 11
RUSSIAN, ~~Production of Petroleum and Gas~~, pp 39-
43.

Tech & Comm Tr
Hans George Voelker
2135 Spruce St.
Philadelphia 3, Pa.

USBR

Sci - Engineering, fuels
Econ

32,200

March 1956 CFS

\$50.00

On the Theory of Antiferromagnetism, by A. A.
Berdyshev, I. I. Iziumov, 7 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol III, No 3,
1956, pp 406-410.

SLA R-1137

Sci
May 58

63,282

The experimental investigation of double-beam
electron-wave systems, by G. A. Bernashevskiy,
P. S. Voronov, T. I. Izumova, 8 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 9,
1959, pp 1666-1669.

FP

Sci

Feb 61

144,063

Introduction of Means of Automation in Construction,
by A. A. Ismailov, 8 pp
RUSSIAN, per, Bulleten' Stroitel'noy Tekhniki, No 12,
Dec 64, pp 29-32.
JPRS 29730

USUR
Recon
Apr 65

279,073

Cathode Polarization on the Deposition of
a Tin-Manganese Alloy from Halide Solutions. 107
by A. V. Izmailov, N. P. Chernysheva.
RUSSIAN, per, Izv. VUZ Khim. i. Khim. Tekn.,
Vol 7, No 2, 1964, pp 269-273.
NTSI 4552

A. V. IZMAILOV

USBR
Sci/1001
JUN 65

257,177

Influence of Solvents on Strength of Acids, by
N. A. Kurnilov. UCL

RUSSIAN, per, Zhur Fiz Khim, Vol XXIV, No 3,
1950, pp 321-336.

~~(S)~~
DSIR LJO RPS 1174

L2. Os.Oj.

Sci - Chem
Sep 59

95, 829

Thermodynamic Properties of Electrolytes in
Non-Aqueous Solutions, XI. Dissociation
Constants of Bases in Methyl Alcohol. Com-
parison of the Strength of Bases in Various
Solvents, by N. A. Ismailov, T. V. Mozharova,
4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIV,
No 8, 1960, pp 1709-1716.

Sci
Aug 61

Cleaver-Hume Press

164, 539

Study of the Glass Electrode by the Method of
Radioactive Indicators. II. Behavior of the Glass
Electrode in the Alkaline Region, by N. A. Izmailov,
A. G. Vassiliev, 28 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, 1956, pp 1500-
1512.

AEC CEA Tr R227

Reverse Trans Russian to French
Feb 59

Thermodynamics of the Exchange of Organic Ions, by
N. A. Ismailov, S. Kh. Mushinskaya, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXVI, No 6, 1962,
pp 1210-1218.

CS

Sci

Mar 63

232,831

On the Behavior of the Glass Electrode in the Acid
Region, by N. A. ~~Ponomarev~~ and A. M. Aleksandrova,
4 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol 71, No 2, pp 311-313,
1950.

Sci Museum Lib No 51/0467 - London

Sci - Chemistry
AEC TR 606
Oct 1951 CTS

A-111

Catalytic Hydrocondensation of Carbon Monoxide with Olefins. Communication 14. Interconversion of 1- and 2-Butenes Under the Conditions of Catalytic Hydrocondensation of Carbon Monoxide with Olefins, by Ya. T. Eidus and R. I. Izmailov, 8 pp.

RUSSIAN, no par, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1956, pp 467-474. CIA 9007074 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS/lex

41, 6/6

Catalytic Hydrocondensation of Carbon Monoxide With Olefins. Communication 16. Hydrocondensation of Carbon Monoxide With 1-Butene, by Ya. T. Eidus, R. I. Izmailov, 6 pp.

RUSSIAN, no per, Iz Ak Nauk, Otdel Khim Nauk, No 6, 1956, pp 723-729.

Consultants Bureau

Sci - Chemistry
Feb 57 CFS

44, 128

The Problem of the Solvation of Ions, by
N. A. Izmailov, Yu. A. Kruglyak, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 6, 1960, pp 1390-1396.

93

CB

Sci

May 61

153,024

Determination of the Individual Hydrocarbon
Compositions of Gasolines of Tatar Petroleums.
Communication 3. Gasolines from Petroleums
from Different Levels, by ~~A.~~ A. Urmancheyev,
R. I. Izmailov, 3 pp. ~~F.~~

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, 1960, pp 495-497.

CB

Sci

May 62

195,987

Catalytic Hydrocondensation of Carbon Monoxide
With Olefins. Communication 17. Participation of
2-Butene in the Hydrocondensation Reaction With
Carbon Monoxide, by Ya. T. Eidus, R. I. Ismailov,
4 pp.

RUSSIAN, no per, Is Ak Nauk, Otdel Khim Nauk,
No 7, 1956, pp 869-872.

Consultants Bureau

Sci - Chem
May 57

47, 228

Chemical Energy of Solvation of Ions, by I. A.
Izmailov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No ⁵~~26~~,
1959, pp 1033-1036.

CB

Sci
Aug 60

124,226

Determination of the Individual Hydrocarbon Content
of Tatar Petroleum. Communication 4. Ligroin from
Petroleum of the Romashkin Deposits. B. Le, R. I.
Izmailov, F. A. Urmanchev, I. P. Lipatova, 5 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, 1961, pp 109-113.

CB

198, 128

Sci
Apr 62

Catalytic Hydrocondensation of Carbon Monoxide with
Olefins. Communication 15, Hydrocondensation of
Carbon Monoxide with 2-Butene, by Ya. T. Eifus,
R. I. ~~SS~~ Imailov, 8 pp.

RUSSIAN, no par, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1956, pp 475-481. CIA 9007374 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS/dex

41, 617

Theory of Secondary Electron Emission from Metals Due
to Fast Ions or Neutral Atoms, by S. V. Izmailov, 4 pp.

11/111
RUSSIAN, per. Fiz Tverdogo Tela, No. 9, 1961, pp.
2804-2808

AIP
Sov Phys-Solid State
Vol III, No. 9

Sci

Mar 62

192,476

On Allowed Transformations of the Equations for Particles with Higher Spins, by E. N. Fradkin, S. V. Izmailov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV, No 2, 1957, pp 277-

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59, 567

Mar 58

IZMAILOV, S. V.

Thermal Theory of Electron Emission Under the
Impact of Fast Ions.

Zhur Eksper i Teoret Fiz, Vol 9, pp 1743 - 1783,
1939, USSR

~~Bell Tel Lab
Library Bull~~

~~Tr IEI L137~~

Dec 51 CTS
AEC TR 1090
A-4505

From Section 477

1
On the Theory of Secondary Electron Emission, by
B. V. Izmailov, pp 9. pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 9,
1962, pp 2554-2566.

-1
Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 9

Sci

Jun 63

342,274

On the Extraction of Electrons From Metals by Neutral
Gas Molecules With Electronegative Properties, by
S. V. Izmailov, and A. M. Farkas.

Full translation.

RUSSIAN, per, Star Eksper 1 Scientific, Vol XI, No 8,
1950, USSR, pp 789-793.

ARDC X-18 DOC

ARDC X-12 per met doc X-35 DOC 1711247
Am. Nuclear Society AEC T-1315
Sci - Physics RRB TR 79 R-167232
450464

(DC-6601)

Space, Space Flight, and Economics, by A. Imaylov,
G. I. Pokrovskiy, 10 pp.

RUSSIAN, per, Grazhdanskaya Aviatsiya, Vol XVIII,
No 8, Aug 1961, pp 21, 22.

JPRS 12545

Sci
Space Research
Mar 62

183,974

Chlorophyll Content, Ascorbic Acid, and Catalase
Activity in Leaves of Some Weeping Forms of Woody
Plants in Relation to Polarity, by G. Kh. Molotovskiy,
A. F. Izmailov, 2 pp.

RUSSIAN, thrice-monthly, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1165 -

Amer Inst of Biol Sci

Sci - Biology
Mar 58

60,382

Mechanism of Anomalous Electrical Conductivity
of Ions, by A. V. Izmillov.

RUSSIAN, per, Zhur Fiz Khim, Vol XLIX, 1955,
pp 1725-1727.

INSDOC-71519

Set

Aug 58

68,224

Thermodynamic Properties of Electrolytes in Non-Aqueous Solutions, by N. Ismailov, Y. Ivanova,

RUSSIAN, per, Zhur Fiz Khim, Vol. XXIX, 1955, pp 1614-1623.

UKBM T.1621

Sci - Physics

52,306

Sep 57

Decisively Determining the Course of Planning
and Financing the Drilling of Wells, by M. Sh.
Imailov,

RUSSIAN, no par, Naft Khoz, Vol XXXIII, No 6,
1955, pp 13-14.

Technical and Commercial Tr

Scientific - Engineering, *Petroleum*
USSR, Jan 56 OTE/DEX
Economic - Petroleum 30,758

Thermodynamic Properties of Electrolytes in
Non-aqueous Solutions. VIII. Solubility and Free
Energy of Ion Transfer in Non-aqueous Solvents,
by N. A. Izmailov, V. S. Chernyi, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 2,
1960, pp 319-326.

Cleaver-Hume Press

Sci
Dec 60

134,767

The Principles of the Use of Heterogeneous Solvents for
Acid-Base Titrations, by N. A. Ismailov, 14 pp.

RUSSIAN, per, Zavod Lab, Vol LXVI, No 1, 1960,
pp 29-40.

ISA

Sci

Feb 61

141,909

**Effect of Anhydrous Formic Acid on the Strength of
Bases, A. M. Shkodin, N. A. Izmailov, N. P. Deynha.**

**The Journal of General Chemistry of the USSR, Vol. XX,
No. 11, Nov. 1950, pp. 2071 - 2074 (Russ. p. 1999).**

**Consultants Bureau
New York**

A-2028

USSR

Izmailov, P. I., Kislov, V. V., and others.
TOPOGRAPHY AND AERIAL PHOTOGRAPHY. 7p.
MTWL: 1083.

Order from OTS or ETC \$1.55

62-26034

Trans. of table of contents of mono. Topografiya i
Aerofototopografiya. Moskva, 1959.

DESCRIPTORS: *Aerial photography, *Topographic
cameras, Indexes.

62-26034

I. Izmailov, P. I.
II. Kislov, V. V.
III. MTWL-1083
IV. Stichting Moelijk
Toegankelijke Wetenschap-
pelijke Literatuur

0221849

Office of Technical Services

Thermodynamics of Electrolytes in Non-Aqueous
Solutions, X. Dissociation Constants K of
Basis in Acetone and in a 90 Percent Mixture of
Acetone and Water, by N. A. Izmailov, T. V.
Mozharova, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 7,
1960, pp 1543-1552.

Cleaver-Hume Press

155,354

Sci
Jun 61

A Unified Acidity Scale, by N. A. Izmailov, 4 pp.

RUSSIAN, per, Dok Ak Nauk ESSR, Vol CXXVII, No 1,
pp 104-107.

Consultants Bur

Sci
Aug 60

126,377

The Ion Exchange at the Glass Electrode, by H. A.
Imanilov, Vasilev.

RUSSIAN, ^{per} Zhur Fiz Khim, Vol XXIV, No 12, 1955,
pp 2145-2151.

35,693

Tech and Comm Tr
\$45.00

Scientific - Chemistry

SENCHEN, A. N., and IZMAILOV, N. A., Inst of Chem,
Kharkov State U.

The Differentiating Effects of Solvents on the
Strength of Acids. V. Separate Potentiometric Titra-
tion of Mixtures of Acids in Anhydrous Acetic Acid

Zhur Obshch Khim, Vol XX, No 1, 1950 (Jan), pp 39-
45

Consultants Bureau Translation

TVA Wilson Davis Chemical Engg
Sub 2905 A-4504

Properties of Acids and Bases in Acid Solvents.
V. Potentiometric Study of the Effect of
Anhydrous Formic Acid on the Strength of Acids,
by A. M. Shkodin, N. A. Izmailov, N. P. Dzyuba,
4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 1, 1953, pp 27-31.

Consultants Bureau

Scientific - Chemistry

CNI/DEK 18,007

Regularities in the Dissolution of Salts of Strong
Electrolytes in Non-Aqueous Solutions, by E. A.
Izmailov, et al., ~~xx~~ 8 pp UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIV, No 1,
1950, pp 91-94.

Sci Tr Center
RT-1031

Scientific - Chemistry

15,367

Some Peculiarities of Molecular Adsorption From a
Flow of Solution, by N. A. Izmailov, Yu. V.
Shostenko, 8 pp.

Full translation.

RUSSIAN, no per, Zhur Fizik Khim, Vol XXV, No 6,
1952, pp 602-609.

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS/DEX

7982

Research in Ion Exchange Chromatography
Principles of Adsorption Technology, by N. A. Izmailov,
ca. 11 pp.

RUSSIAN, bk, Issledovaniya v Oblasti Ionnoobmennoi
Kromatografy, Moscow, 1957, pp. 55-66.

Consultants Bureau

Sci - Med

Jun 58

65,569

Thermodynamic Properties of Electrolytes in Non-Aqueous Solutions. VII. Investigation of the Solubility of Silver Chloride and Caesium Chloride in Alcohols, Ketones, and Mixed Solvents By Means of Radioactive Tracers, by N. A. Izmailov, V. S. Chernyi, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 1, 1960, pp 127-134.

Cleaver-Hume Press

Sci
Sep 60

127,615

Izmatlov, N. A.

THE THEORY OF ACID DISSOCIATION IN SOLUTION

tr. by Charles T. Ostertag. May 63 [29]p. 44 refs.

ABL Trans. no. 735; AD-407 465.

Order from OTS or SLA \$2.60

63-23087

Trans. of [Zhurnal Fizicheskoi Khimii] (USSR) 1954, v. 28, no. 11, p. 2047-2066.

DESCRIPTORS: *Dissociation, *Ionization, *Acid-base equilibrium, *Chemical equilibrium, *Acids, Chemical properties, Physical properties, Solutions, Mathematical analysis, Quantitative analysis, Solvents, Equations.

On the basis of a new theory of acid dissociation, an equation was worked out which characterizes the dependency of acid strength on the physical and chemical properties of the solvents. The derived equation makes it possible, on the basis of independent data, to evaluate (Chemistry--Physical, TT, v. 10, no. 11) (over)

63-23087

I. Izmatlov, N. A.

II. ABL Trans-735

III. Army Biological Labs.,
Frederick, Md.

IV. AD-407 465

Office of Technical Services

Potentiometric Methods of Investigating High Molecular Weight Petroleum Compounds. Part 2. A Potentiometric Method of Determining Saponification Numbers in Solutions of Petroleum Resins, by S. R. Sergienko, P. N. Galich, N. A. Ismailov, L. L. Spivak, 4 pp.

RUSSIAN, bimo per, Zhur AN Anal Khim, Vol XI, No 6, Nov/Dec 1956, pp 731-734.

Consultants Bureau

Sci - Chemistry
Sep 57

53,077

Sci/Chem

C

Behavior of a Glass Electrode in Non-Aqueous Media. IV.
Errors of the Glass Electrode in Acid and Alkaline Regions
in Ethanol and in Mixtures of Ethanol and Water, by N. A.
Izmailov, A. M. Aleksandrov, 12 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XIX, No 8, Aug
1949.

CIA/FDD/X-371

12,917

Oct cts

Izmailov, N.A.

PRINCIPES FONDAMENTAUX DE L'UTILISATION
DES SOLVANTS NON AQUEUX DANS LES TITRAGES
ACIDO-BASIQUES (Osnovy Primeneniya Nevodnykh
Rastvoritelei pri Kislотно-Osnovnom Titrovanii)
(The Principles of the Use of Nonaqueous Solvents
for Acid-Base Titrations). 50p. (foreign text included)
81 refs. CNRS-VIII 96.
Order from OTS, ETC or CNRS \$4.60 TT-62-28780

Trans. in French of #Zavodskaya Laboratoriya
(USSR) 1960 [v. 26] no. 1, p. 29-41.

DESCRIPTORS: *Volumetric analysis, *Acids,
*Hydroxides, Solvents, Theory

(Chemistry--Analytical, TT, v. 11, no. 9)

TT-62-28780

- I. Izmailov, N.A.
- II. CNRS-VIII 96
- III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

The Adsorption Method of Separating Caffeins, by
H. A. Izmailov, Yu. V. Shostenko, and V. D. Bezugli,
11 pp.

Full translation.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXV, No 5,
May 1952, pp 543-552.

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7499

Potentiometric Methods of Investigating High
Molecular Weight Compounds of Petroleum, by
S. R. Sergiyenko, N. A. Ismailov, L. L. Spivak,
P. N. Galich; 8 pp.

Full translation.

RUSSIAN, bino per, Zhur Anal Khim, Vol X, No 5,
1955, pp 315-322. CIA C 41024

Consultants Bureau

Scientific - Chemistry
Mar 56 CTS/dex

32,058

The Behavior of the Glass Electrode in Nonaqueous Media.
V. Behavior of the Glass Electrode in Glacial Acetic
Acid, H. A. Ismailov, A. M. Aleksandrova.

The Journal of General Chemistry of the USSR, Vol XI,
No 12, Dec 1950, pp 2207 - 2212 (Russ p 2127).

A-112
Consultants Bureau
New York

AMT-223

Nov 1951 CTS

USSR

Electrochemistry of Solutions,
by N. A. Izmailov.
RUSSIAN, bk, 1939.
NLL R. 17072

74

N. A. Izmailov

Sci-Chem
June 66

301,441

Absorption Spectra of 3-Oxo-2,3 Dihydrothionaphthene
and its Derivatives. IV. Effect of Solvents on the
Magnitude of the Solvatochromic Shift of the
Absorption Maximum, by M.A. Mostoslavskiy,
V.A. Izmail'skiy, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 6,
1962, pp 1746-1754.

CB

Sci

May 63

232,574

Absorption Spectra of Diphenylmethane and
Diphenylethane Derivatives Containing Nitro
and Amino Groups on Different Rings, by
V. A. Izmil'skiy, V. A. Glushenkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXXXIX, No 2, 1961, pp 373-376.

CB

Sci

200,777

Jun 62

Contrapolarized Systems and Color.
IV. Reflection Spectra of Derivatives
~~of N-[2,4-Dinitrophenyl]-~~
ethyl]-Aniline, by V. A. Izmail'skiy,
V. E. Limanov, 11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,
No 6, 1961, pp 1788-1798.

CB

Sci

Jun 62

201,367